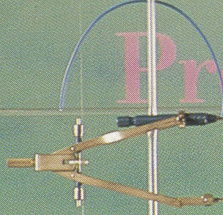
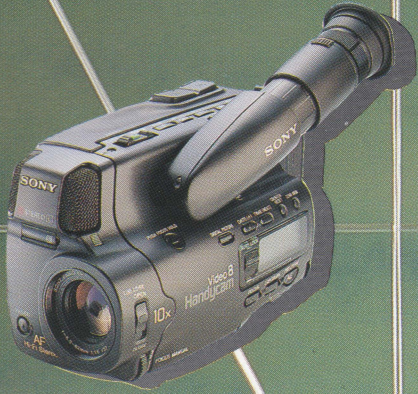


THE ACORN WORLD SHOW GUIDE

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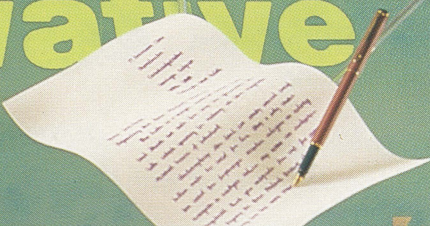


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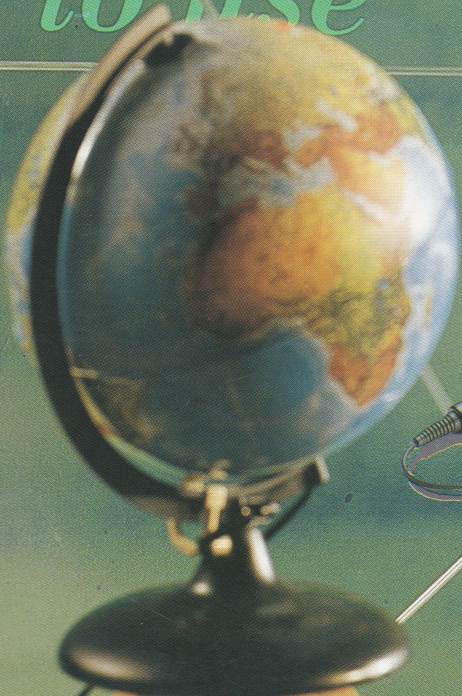
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Acorn 

ACORN USER MAGAZINE

SPECIAL

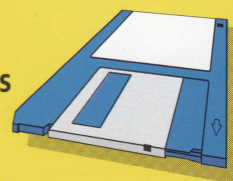
SUBSCRIPTION OFFER

Take out a year's subscription to Acorn User, the best-selling Acorn magazine, for just £35.40
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★ **12 ISSUES OF ACORN USER DELIVERED POST FREE EVERY MONTH**

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Packed with games, education resources, helpful utilities and complete applications



PLUS

THE ACORN USER HANDBOOK

Get the most from your machine with this indispensable guide 48 pages of . . . time-saving tips . . . jargon busting . . . key shortcuts . . . software advice . . . hardware options . . . plus a beginner's guided tour

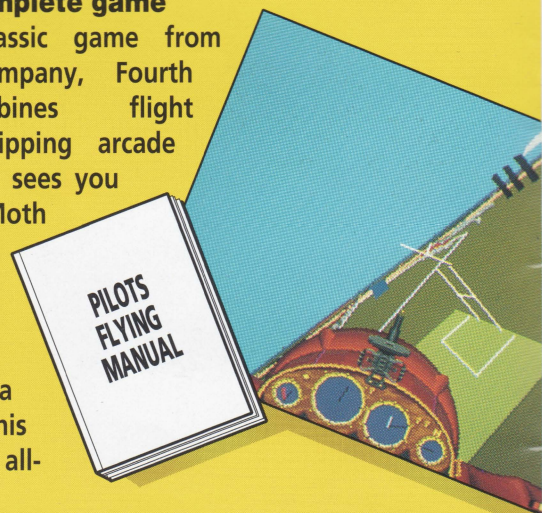


PLUS

CHOCKS AWAY

A complete game

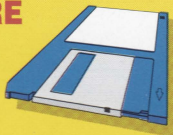
This classic game from leading games company, Fourth Dimension, combines flight simulation with gripping arcade action. Chocks Away sees you flying in a red Tiger Moth over landscapes and seascapes, blasting everything in sight. You can fly solo missions or with a friend: either way this rates as one of the all-time greats



PLUS

THE ACORN USER SHAREWARE COLLECTION DISC

Featuring some of the best shareware around, including . . .



ZAP: One of the best file editors

PROCESS: Scratch, ripple and twist with this brilliant image-processing package

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BLACKHOLE: Tidy up with a desktop dustbin

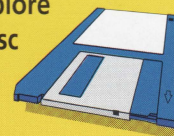
AND 13 OTHER SUPERB APPLICATIONS

ARMCode, AutoFocus, FastBrot3, FileTree, InfoScoop, Makro, Mode, ModeView, Postcalc, PtrWrap, Status, WinCtrl, XHelp.

PLUS

THE ACORN USER EDUCATION DISC

Packed with classroom resources, this disc has a range of materials that explore all areas of the curriculum. The disc includes classroom posters, a selection of European maps and many complete lesson resources to use with popular applications.



Use the dinosaur clip art in *Datasweet*, tackle data collection with ready-made forms for *Junior Pinpoint*, discover probability using *Eureka*, teach letter recognition with *My World* examples and much more.



Call our subscription hotline
(0483) 727762



Welcome...



Acorn has spent many years establishing its reputation as a supplier of innovative technology and products to its markets. Acorn World brings many exciting applications of Acorn's computers and I am pleased that you have chosen to be with us at Wembley.

Acorn World has something to offer you, whether old or young, enthusiast or novice, home user or professional. I trust that you will delight in the quality of the displays in the Acorn Gallery, but will equally enjoy the demonstrations given around the show and the presentations in the theatre. I hope you will be captivated by the performers in the aisles and restaurant, but will also be impressed by the production of a professional magazine in the publishing area.

Acorn World '93 truly reflects Acorn's reputation for quality and innovation. Enjoy the show!

Sam Wauchope
Managing Director
Acorn Computers Ltd

3 NEWS

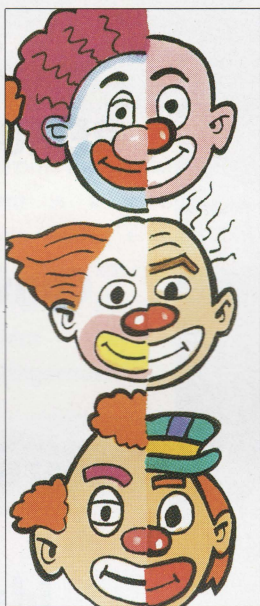
The hottest and latest, plus news of Acorn's show offer

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A round-up of the exciting attractions at the show

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Full programme of events for the TDK theatre



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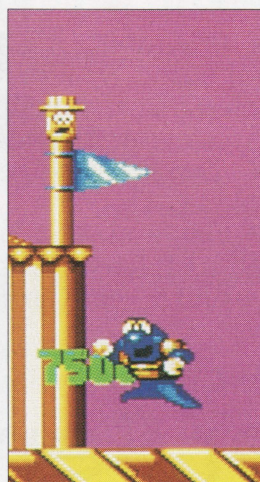
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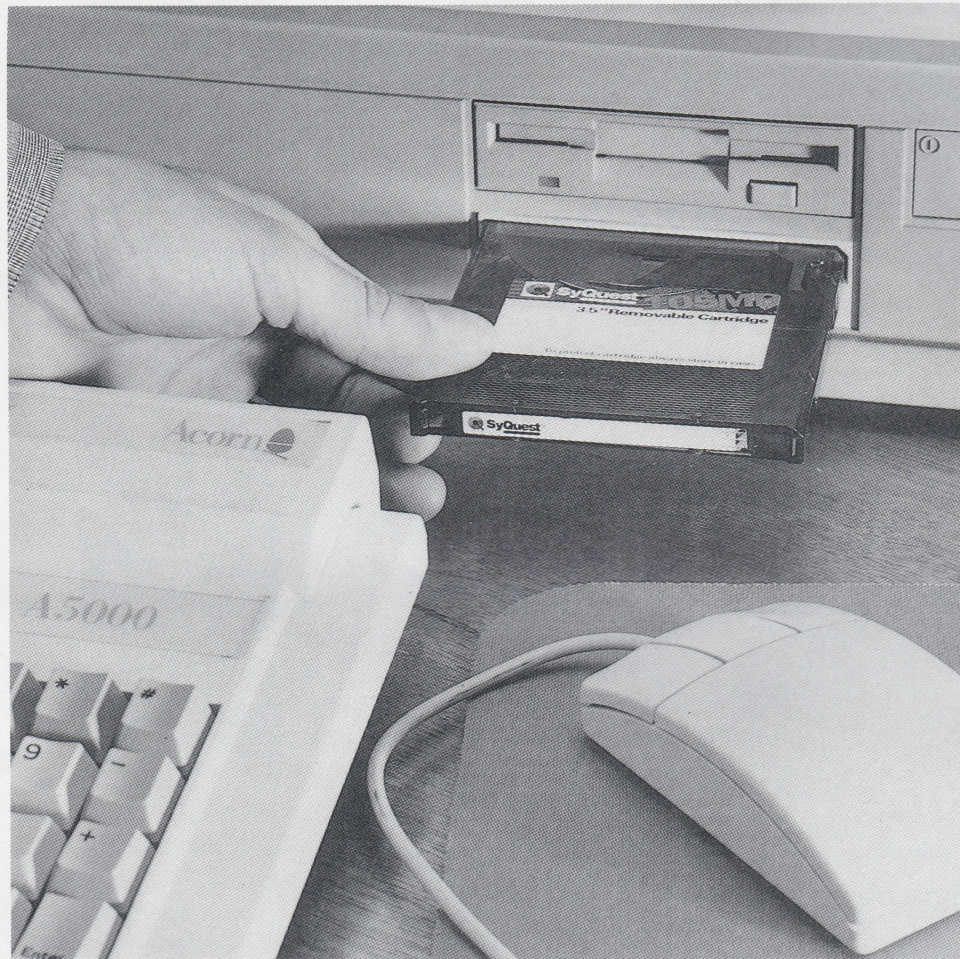


IFEX

THE ACORN WORLD SHOW GUIDE 1993

UNLIMITED HARD DRIVE

See a demonstration at Acorn World '93 - Stand 48



**Easy installation
with NO
soldering**

**Compact
REMOVABLE hard
drive**

**Convenient and
Portable**

**Unlimited
storage capacity**

**Ideal solution
for data security**

**FAST file
transfer**

fast...flexible....affordable

High performance from a compact, removable hard drive with unlimited storage capacity. The possibilities offered by this system are endless, allowing total flexibility plus data mobility and security.

Twice the speed of optical drives. Up to 20% faster than the 80Mb A5000, 40% faster than the 40Mb A5000. The SyQuest 105Mb IDE drive can be mounted into your A5000 in place of a second floppy disc drive.

Installation is simple, it's user fittable and needs no soldering. The drive, fitting kit and step - by - step instructions plus one cartridge comes complete for £399+VAT+CARRIAGE. (£477 inc). Extra cartridges are £69+VAT. (£81 inc).

It is also available as a SCSI drive which can be used with ALL Acorn 32-bit computers. 2 Year Drive and 5 Year Cartridge Warranty.

For further details contact:

Norwich Computer Services

96a Vauxhall Street, Norwich, NR2 2SD Tel:0603 766592

News

Acorn moves house

The time has finally come and Acorn Computers has moved into a spanking new headquarters building in Histon, which is just outside Cambridge.

This enables the company to consolidate almost all its staff in a single building, where previously the company had two main sites in Cambridge.

Although it has hardly moved geographically, the company has come a long way since it was founded back in 1978.



Its former headoffice in Fulbourn Road, Cherry Hinton, was occupied in late 1981, with just 50 staff, but the new HQ was custom-designed to house 260 employees.

The new address is

Acorn Computers Ltd, Acorn House, Vision Park, Histon, Cambridge CB4 4AE. The phone number remains the same: +44 (0) 223 254254 and the fax number is +44 (0) 223 254262.

With thanks to...

Acorn Computers would like to thank the following companies for their help: Expressive Software Projects – for the music in the Gallery. Ian Ayre and Animated Pixels – for the Replay animation in the hall and Gallery. The Science Museum – for its expertise and support with the Gallery. TDK Limited – for its sponsorship of the Theatre and the discs for !Newlook. Kodak – for the Photo CD offers. AB Dick – for the press, collating equipment and manpower. NW SEMERC –

for its expertise in special needs. Superchoice – for the abseiling tower. Netherhall School – for providing curriculum materials and students in the education area. Laser Grafix – for the laser light and sound extravaganza in the Games Arcade. Look Systems – for the Monotype fonts used in this Show Guide. Redwood Publishing Ltd and BBC Acorn User – for their continuing sponsorship. Eizo Monitors – for the loan of monitors. Cambridge Product Design – for the concept work in the Gallery. Meridian Hi

Fi – for the loan of speakers. Acorn Computing – for the show bags. Jim Irlam at Irlam Instruments. Paul Fellows at Oak Solutions. All software houses and hardware manufacturers who have provided equipment and applications. Gill McLeod and the Poppyfields – for their multimedia pop video 'Colour of the Sun'. All of the guest speakers presenting in the Theatre. All the staff at Acorn Computers who have given freely of their time and expertise

See the new look for RISC OS

Many stands at Acorn World '93 will be demonstrating the latest stylish 3D-look for RISC OS. And all visitors can take it home, too, on a free disc, kindly provided by TDK.

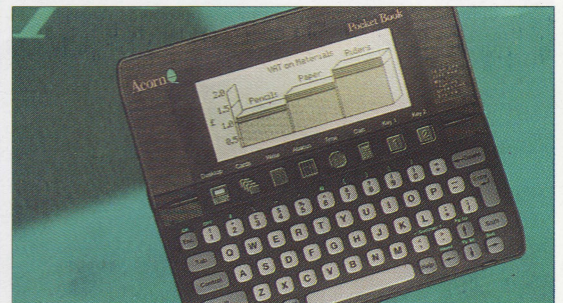
!Newlook is exciting because it gives users a new set of 3D icons and window tools, plus a choice of different backgrounds

to the desktop. To use !NewLook on your machine you need RISC OS 3.1. You also need some spare memory in your computer. However, if you have a 2MB model that's fine.

You can pick up your free !Newlook TDK disc when you register. Make sure you don't leave the show without it!

Special show offer

For the three days of the show only, visitors to Acorn World will be able to purchase an Acorn Pocket Book for the bargain price of just £149.95, and that includes VAT. This offer is only available from dealers, so make sure you snap one up!



Acorn World Show Guide 1993, published by Acorn Computers Ltd in association with Redwood Publishing Ltd, a BBC Enterprises company. Contributors: Graham Bell, Sarah Burns, Sam Greenhill, Lisa Hughes, Tony Judge.

Events

To say there's a lot going on at Acorn World '93 is an understatement! Whoever you are, and whatever you're interested in, there will undoubtedly be something for you. Keep your eyes open as you walk around the show and don't forget to watch out for the many freebies which will be on offer, as well as the competitions you can enter.

Photo CD in living colour

Acorn's support for Kodak Photo CD – which allows you to store 'photographic' images on a CD-ROM and then import them into DTP, graphics or multimedia applications – has to be one of the brightest parts of the show.

The Kodak stand will feature a complete Photo CD Imaging Workstation, the unit used to scan your photographs and record them onto Photo CD, together with a Photo CD player that displays the pictures on your television – and cleverly doubles as a hi-fi CD player.

Plus there's a special offer: bring along your roll of 35mm film and Kodak will develop it and cut a Photo CD for



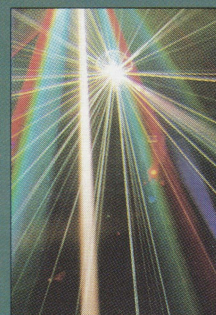
you. The negatives and a set of 6" by 4" glossy prints, plus a shiny gold disc, will be returned to you by post in about 14 days. There's a special show price of £12.32 for a 12-exposure film, £14.87 for 24, and £17.36 for a 36-exposure film.

Newsletter update

In the publishing area of the hall, staff from show sponsors BBC Acorn User magazine, Acorn and press manufacturer AB Dick will be putting the finishing touches to a show newsletter. This will be printed every day of the show, and will contain the latest news from the event, plus details of competitions and competition winners. Take a look at how a professional publication is assembled, watch while printing plates are made, and see the press printing the thousands of copies. Three issues of the newsletter will be printed and bound at the show, and each day you can pick up your free copy from the publishing area.

The Acorn User staff will also be hosting a talk in the TDK Theatre, revealing the inner secrets of how BBC Acorn User magazine is created each month.

The laser light show in the arcade has been built by Laser Grafix, a company which uses Acorn RISC computers to control lasers and lights at pop concerts. It's just finished a tour with Elton John.



Games Arcade

Check out the arcade for all the sharpest gaming action. There'll be



18 Archimedes machines showing the latest games, plus demos of games yet to be released. Will you find something to top your Christmas list?

Family fun day out

If you've brought a young family along to Acorn World, then you might want to take advantage of some of the facilities for young children at the show.

There is a creche near the main entrance, where staff will happily take charge of your youngest children in supervised safety, while you have a leisurely stroll around the stands.

Keep a sharp eye out for the strolling entertainers in the aisles too – there are japes, magic tricks, mime, even balloon modelling from Mr Rainbow the clown. And you could even learn how to juggle with those bean bags by following Jim the Juggler's every move!

There are also the pull-out pages in the centre of this show guide – four fun pages packed with puzzles and pastimes, games and a competition with the chance to win juggling bean bags as prizes. To enter, make sure your children hand their entries to one of the entertainers.

And while you're watching an erudite presentation in the TDK Theatre, in the Visitors' Lounge, which is adjacent to it, a facepainting booth will ensure your little angel looks like a monster on the way home.

And if your children spot the Acorn hologram, they too could be in line for a prize. An H on the forehead is the giveaway clue – so challenge them with the phrase, 'You are the Acorn hologram and I claim my prize'.

Finally, older children won't be bored either. Don't forget the games arcade, where a number of Archimedes computers are running the hottest games of the hour.



Abseiling away

As you wander round the exhibition, take a look overhead and you may catch sight of pupils from a number of local schools descending from the sky.

They will be demonstrating the use of computers in monitoring physiological reactions to stress – by being wired up while they bravely abseil down a cliff face.

Computers and the outdoor life don't seem to mix – except on an Active IT study course. Superchoice offers a range of activity courses to school parties, which do combine the two, and it has recently started arranging weekends for parents who want to find out how Acorn computers can enhance their children's learning. To discover more, visit the Superchoice stand.

And a word from our sponsor

As well as demonstrating their exemplary publishing skills by putting together a professional magazine in the glare of the public eye, the complete staff of BBC Acorn User will also be on hand to offer technical advice and guidance to visitors. On their stand there will be a chance to see the invaluable new *Acorn User Handbook*, find out about the selection of resource discs which are currently available, and play the brilliant game *Chocks Away*. All these items are available to anyone who takes out or renews a subscription at the show, and the magazine is also running a huge competition in which you can 'win everything you ever wanted' – do they really mean everything? It seems they do!

Pull out the puzzle section to reveal the stand map

Acorn World – an education for all

The education area is taking a hands-on approach to get its message across to Acorn World '93 visitors. Three interactive displays focus on primary, secondary and special needs education. With their specially-designed format, these screens will be able to answer detailed questions such as 'What software is suitable for key stage 4 mathematics?' or 'Where do I get advice and training on the use of portable computers for field work?'

There will also be an interactive display on networking, which is a key area of development for Acorn.

For teachers and students who have decided to buy their own machine, there will also be desktop advice sessions which explain Acorn's personal purchasing schemes.

Theatre

TIMES	FRIDAY
11.00am – 11.30am	NETWORKING IN THE WIDE WORLD Jo Magnani and Lalit Nathwani (Acorn Computers/Novell) Connecting Acorn systems to industry-standard networks
11.40am – 12.10pm	PUBLISHING FOR THE PRINTER Simon Woodward (Acorn Computers) Why Acorn machines now form the heart of professional publishing systems
12.20pm – 12.50pm	OPEN ACCESS: SPECIAL NEEDS Trish Hornsey and Martin Littler (North West SEMERC) Computer assistance in communication, work and living
1.00pm – 1.30pm	TAKING BETTER PHOTOS WITH PHOTO CD IN MIND Joe Partridge (Kodak) How to get the best out of your camera
1.40pm – 2.10pm	THE ELECTRONIC PROSPECTUS Alastair Wells (Netherhall School) Prospective pupils and parents can now see much more about school than a booklet could tell them
2.20pm – 2.50pm	ARM: POWERING THE VISION Jamie Urquart (ARM Ltd) A background to the processor chips used in all Acorn 32-bit products
3.00pm – 3.30pm	GRAPHIC DESIGN Alastair Wells (Netherhall School) See what can be done with design tools, some supplied with the computer and some which are commercial packages
3.40pm – 4.10pm	SCHOOL ADMINISTRATION Graham Lockwood (Murrow School) How are computers used to run our schools?
4.20pm – 5.00pm	TECHNICAL QUESTION TIME David Bell (Acorn Computers) From MOS to RISC OS, Acorn's experts offer help!

Plan your visit to the TDK Theatre with this complete programme of presentations.

SATURDAY	SUNDAY
TAKING BETTER PHOTOS WITH PHOTO CD IN MIND Joe Partridge (Kodak) How to get the best out of your camera	MAKING MUSIC Garry Neale (Acorn Computers) You too can have your own orchestra, and you don't have to be an expert
PRODUCING A POP CD Stewart Palmer (Acorn Computers) Music and video combine – all on an Acorn computer	WHY BUY A POCKETBOOK FOR MY CHILD? Ron Jones (Educational Consultant) Can a portable computer be the next thing that every child will need at school?
GOVERNORS START HERE Martyn Wilson (Hampshire Microtechnology) School governors must be aware of how IT is used in schools. Here's how to find out	TAKING BETTER PHOTOS WITH PHOTO CD IN MIND Joe Partridge (Kodak) How to get the best out of your camera
PHOTO RETOUCHING Ray Cross (CGS Computerbild) The camera never lies but here's how to distort the truth a bit	PUBLISHING MAGAZINES The Acorn User Team (Redwood Publishing) How Acorn User magazine is produced using Acorn computers
FROM ARCHIMEDES TO ARCHIMEDES Stephen Roberts and David Patten (The Science Museum) Acorn machines are used to great effect in the Science Museum, but not as exhibits. Here's how	ACORN COMPUTERS: AN AUSTRALIAN PERSPECTIVE Greg Sebire (Acorn Computers, Australia) The differences between the UK and Australian operations of Acorn
PREPARING MATERIAL FOR PUBLISHING BUREAUX Tony Tolver (TJ Reproductions) We take away the mystery from working with your bureau	MULTIMEDIA: A SOLUTION IN SEARCH OF A PROBLEM? Stewart Palmer (Acorn Computers) Sound, pictures, video – multimedia offers the lot, but what can you do with it?
EDUCATIONAL SOFTWARE ON CD-ROM Roger Broadie (Acorn Computers) Compact discs as an educational resource	TECHNICAL QUESTION TIME David Bell (Acorn Computers) From MOS to RISC OS, Acorn's experts offer help!
A TRULY PERSONAL COMPUTER Mike Wood (Psion) An examination of the uses of the Acorn Pocket Book	The last two slots are closed on Sunday
TECHNICAL QUESTION TIME David Bell (Acorn Computers) From MOS to RISC OS, Acorn's experts offer help!	

What's

Acorn World is the biggest Acorn event of the year and, not surprisingly, the majority of companies aim to launch their new products at the show. Those that aren't quite ready to put their wares on sales usually preview their up-and-coming releases, so visitors generally have their work cut out taking it all in. It's impossible to include everything, but here is a taste of what's on offer.

Technical innovation

As you would expect, Acorn's entire product range will be on show at Acorn World. The company has recently unveiled a revised A5000 – the fastest yet – and revamped its machine packs and prices. See the Action Pack, based on the A3010, which combines games and the Startwrite wordprocessor. The Learning Curve bundle has a strong educational focus, while Home Office is designed for those working at home. It is also anticipated that Acorn will be showing some exciting developments in industry-standard networking. In total, there are more than seven Acorn areas for you to visit!

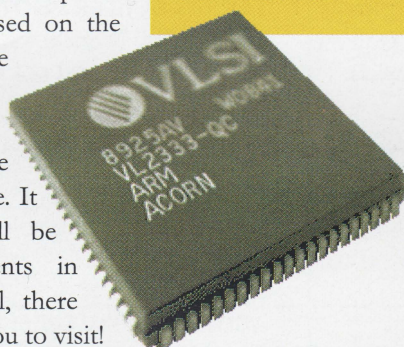
Don't miss *!NewLook* either. RISC OS has smartened up its appearance and now sports 3D icons and window tools, plus a choice of backgrounds to the desktop and other enhancements. What's more, it's available free, on a TDK disc, so make sure you pick up your copy at the main Acorn stand.

For the first time, ARM Ltd, the designers of the chips which make the Archimedes such a special machine will be appearing at an Acorn show. Those interested should get a look at the new Vdc20 video chip, as well as the Arm610 RISC processor.

Multimedia DIY

Kodak's Photo CD is a must see, of course. At last you can see it in action on the Acorn platform, particularly if you've brought along a roll of film to turn into a CD-ROM. Hand it in and you'll be sent your disc in 14 days. Cumana has reacted to the release of Photo CD with new

Acorn World is the year's major forum for new hardware and software. Here are some of the high points to look out for.



hardware products at very reasonable prices. It will be exhibiting its normal range of CD-ROM drives, plus the recently launched, and inexpensive, 300 series.

In terms of multimedia, Irlam Instruments will be presenting a new version of *Replay DIY*, with improved image quality and movie editing. You can also get a sneak preview of a professional sound sampling card, which isn't in production yet but is aimed at those who need high quality sound. Wild Vision, too, continues its policy of innovation with the Eagle M2 multimedia card, a 16-bit sound sampler named Lark and the Chroma 500 genlock card. Morphing also continues its ascendancy on Acorn machines with the launch of *Rephorm*, from those imaginative people at Oak Solutions.

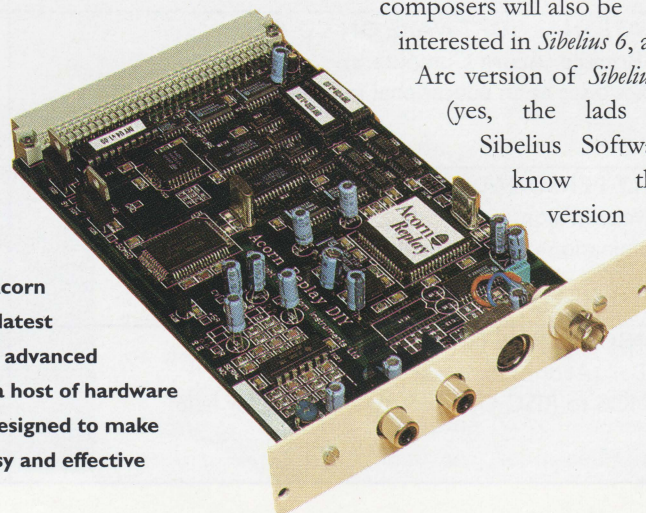


Software surprises in store

With software it's a question of where to start. The expressive arts is as good a place as any, and Clares has some goodies here. *Pro-Artisan 2* rates as one of the major releases of the year. It offers advanced bitmap graphics and the show provides an opportunity to compare it with its main competitor – Longman Logotron's *Revelation Image Pro*. For music lovers, Clares also has *Rhapsody 3*, which enables you to write musical scores. Those

who fancy themselves as composers will also be interested in *Sibelius 6*, an Arc version of *Sibelius 7* (yes, the lads at Sibelius Software know that version

On display at Acorn World '93, the latest technologically advanced products, plus a host of hardware and software designed to make multimedia easy and effective



New

numbering usually goes up, not down), which is the top professional music engraving package. This is a new product from a new company, so it's definitely worth a look.

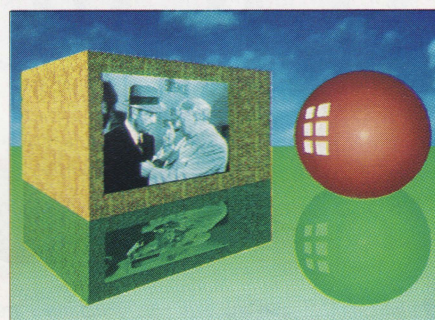
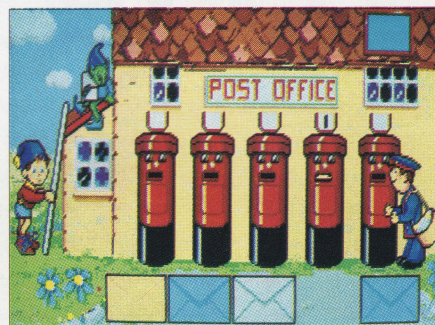
If your sphere of interest is business applications, check out an updated version of Stallion Software's *Almanac* desktop diary/organiser system. It has an up-to-date look and better import/export facilities. Explain, too, has *Occasion*, which has a diary, calendar, address book, phone book and notebook. For accounting software, Apricote's *Prophet* solution is one of the most successful, and the latest version will be on display. If you need to manipulate figures, check out the much-enhanced *Eureka 2* spreadsheet from Longman Logotron. The same company is demo-ing its sophisticated datahandler *S-Base 2*, plus a new version of the education-targeted *Pinpoint*. Also appearing in a new form is the popular Digital Services database *Squirrel*.

The latest addition to Colton Software's 'Z' family is *Fireworkz*. In fact it's equally suited to

workspace editor' and is aimed at anyone writing multi-tasking applications. Risc Developments also releases its version of C, aptly titled *Easy C*.

There are numerous new games around at the show but one to watch for in particular comes from a slightly unexpected quarter. Sherston Software is venturing away from purely educational titles with *The Crystal Maze*, a TV tie-in in which the player gets involved in a series of puzzles and exercises to collect crystals and ultimately escape from the maze – just like the Channel 4 programme. Another fun game with an improving feel is *Noddy's Playtime* and the cheeky

chap will be paying a visit to the Acorn games area. Produced by Jumping Bean, the program has several parts, including a tour around Toytown. It promises to be a big hit with young children and their parents.



Take a trip round Toytown with Noddy and paint like an old master with the sophisticated package ProArtisan 2

Press for DTP

Once again, Computer Concepts has set new limits for Acorn DTP software. The show sees the release of *Impression Publisher*, which offers support for four-colour separation, automatic tracking and kerning, a bundled thesaurus, Tiff loading, 24-bit image handling and many other features. Meanwhile, a hybrid of the existing *Impression 2* package and *Advance* will become a high-range wordprocessor called *Impression Style*. Electronic Font Foundry has a wide range of RISC OS outline fonts, as does another font specialist, Look Systems. All this is great news for those who take DTP seriously.



business and education applications as it integrates a wordprocessor and a spreadsheet and is ideal for those who wish to work on documents containing text, plus calculations and charts.

And all you budding programmers will no doubt make a beeline for the Rheingold Enterprises stand to check out *Vigil*. This has been eloquently described as an 'application

Learning resources

There are probably more new releases for educationalists than for any other special interest group, and here is information on just a few of them. Some of the most impressive CD-ROMs around are the ones developed by Interactive Learning Productions and out now is the excellent *Teaching Science: Elements*, a disc which takes the potentially dull periodic table and brings it life. See it on the Academy Television stand, along with two CDs for teaching and learning foreign languages, *Directions 2000: French* and *En Marchal: Spanish*, and *Water*, which contains detailed coverage of vital environmental issues.

Anglia TV is a prolific producer of educational

The only Programmable Database that you don't have to program.

Introducing SAM — the S-Base Application Manager. SAM makes the most powerful RISC OS database also the easiest to use. Absolutely no programming is required — just drag in a CSV file and two clicks later you can have a working database. No matter how demanding your data processing needs, S-Base 2 will provide the total solution.



Also new in S-Base 2:

- Natural language Query by Example (QBE) for superfast access to data.
- Enhanced multimedia support, including Acorn Replay Digital Video files.
- Greatly enhanced documentation, with a new quickstart guide.
- Full free text support.

- Picture number formatting.
- Around 150 new commands, functions and operators.

The Developer versions also include:

- Intelligent on-line help.
- Drag-and-drop import of DBase III and Squirrel files.
- The complete source to a powerful multimedia application.



S-Base 2 Personal Edition — £129 • S-Base 2 Developer Edition — £249

Upgrades available to registered S-Base users.

For further product information, please contact us.

LONGMAN LOGOTRON

124 Cambridge Science Park, Milton Road, Cambridge CB4 4ZS. • Tel (0223) 425558 • Fax (0223) 425349

What's New

titles and now has an expanding range of CD-ROMs. There is *Castles*, *World* and *County Maps*, as well as the established *Key* range of datahandling products and the *Keycount* spreadsheet.

The ever-active Minerva Software invites you to get down to its stand to see the brand new animation system, PrimeMover. This allows the creation of frame sequences for simple animation but takes it one step further by enabling the animated sprites to be moved about on the screen via a straightforward interface. The control is real-time, so it's easier for children to understand the relationship between the different elements of the animation. The same company is also showing Keyboard Trainer, a MIDI-based music tutor really aimed at novices.

After a long wait, Explan is to release *Architech* at the show. Based on the program *Tabz*, *Architech* is for designing 3D models on screen and it has a colour-rendering system and 3D editor. These plans can then be put together to produce accurate 3D models. On the Explan stand you can also try out the complementary *Spex*, another 3D modelling package.

Among the new products from Cambridgeshire Software House are *Amazing Maths*, for practising mental arithmetic, and *Complete Control*. This is an intriguing concept – a software-only resource which aims to fulfil the objectives of a software and hardware-based control technology pack. *Gemini*, a multi-option matching pairs memory game is the third star in the CSH constellation.

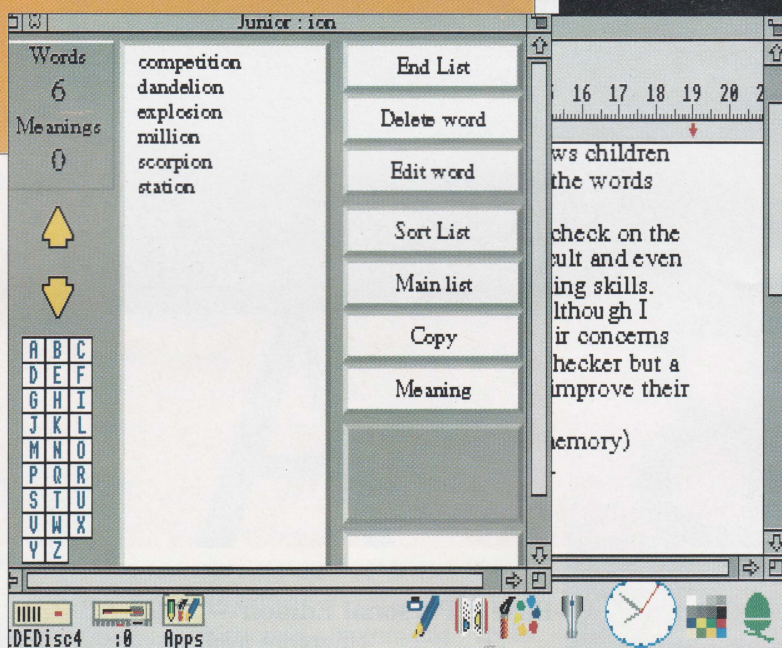
The unusually-named Wyddfa Software

is launching *Talking Stories*, an Archimedes program which uses digitally recorded speech to emphasise the link between spoken and written words. Aimed at motivating children as young as three, the pages build up into an amusing story. The screen is divided into three windows – a picture pane, a sentence pane and a column of words – and adults can control the degree of difficulty to the child.

And finally, back from the dead is *Dinosaur Discovery*, originally available on the BBC Micro but now resurrected by 4Mation for the Archimedes. The same company also has *Explore with Flosy the Frog*, a likeable character who, it is hoped, will go on to bigger things.

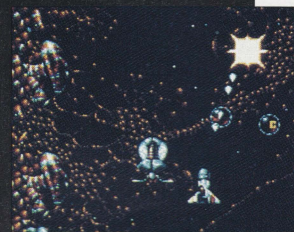
Words, words, words

Language skills can be developed with *WordBank* from Topologika. More than a spellchecker, this is a multi-tasking utility which enables children to look up spellings, check meanings and click words into pieces of written work. In addition to Colton's *Fireworkz*, which combines words and numbers, Icon Technology has the latest versions of its graded wordprocessors *StartWrite*, *EasiWriter* and *Techwriter*, and if you haven't experienced *Talking Pendown*, make sure you get along to the Longman Logotron stand and try it for yourself.

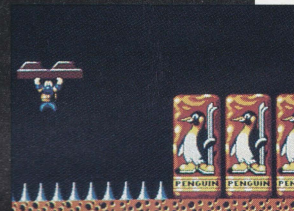


Dinosaur Discovery makes a welcome reappearance on the 4Mation stand and *WordBank* from Topologika is more than a spellchecker.

Stunt Racer 2000, Demon's Lair, Dungeon (The Fourth Dimension), Psycho Squadron, Nintendo Pro-Pad



(TBA Software), Simon the Sorcerer, Power Pad, Cycloids, James Pond 2, Fred



Xenon, Robocod, Games Wizard (Gamesware), Blood Sport (Matt

Black) and many more...

THE STAND GUIDE

The definitive guide to all the stands at the exhibition.

To check out your area of interest, look for these symbols:



Acorn dealer



Hardware manufacturer



Consumables & supplies

Software:



Desktop publishing



Education



Games



Graphics, multimedia



Music



General software



International versions available

STAND 119

4Mation



14 Castle Park Road

Barnstaple

Devon EX32 8PA

Tel: 0271 25353

4Mation is showing adventure programs for all school levels. Also on show are the many innovative graphics programs developed for RISC OS machines.

STAND 12

4th Dimension



1 Percy Street

Sheffield S3 8AU

Tel: 0742 769950

Come and see the very

latest in home entertainment and education for your Archimedes computer. Some superb new titles will be available for your delectation and delight.

STAND 46

Academy Television



104 Kirkstall Road

Leeds LS3 1JS

Tel: 0532 461528

Four new CD-ROM packs are launched at Acorn World '93, including *Science: The Elements*, a recent winner at the European Multimedia Awards.

STAND 19

Acorn Computing

Europress Publications

Europa House

Adlington Park

Macclesfield

Cheshire SK10 4NP

Tel: 0625 878888

The fastest growing Acorn magazine sells its November issue featuring *The Crystal Maze* demo. Technical Editor Mike Cook demonstrates his fab computer-guided telescope.

STAND 66

Advanced RISC Machines

Park End
Swaffham Bulbeck

Cambridge CB5 0NA

Tel: 0223 813000

What have the Apple Newton Message Pad, 3DO Interactive Multiplayer, and the Acorn A3010 in common? They're all ARM powered. What does the future hold in store? Hear the vision.

STAND 34

Aleph One



The Old Courthouse

Bottisham

Cambridge CB5 9BA

Tel: 0223 811679

Aleph One produces high-performance accelerator upgrades. These include the world's first ARM3 processor upgrade, which tripled the speed of ARM2-based computers, and the 386PC and 486PC expansion cards which facilitated the use of Dos/Windows and Novell Netware software on Acorn RISC computers.

STAND 92

Alsistems/IFEL



74 Winchester Road

Fourmarks

Alton

Hampshire GU34 5HG

Tel: 0420 561111

Alsistems - Your first choice and the only choice for branded SCSI and IDE hard drives, from 20MB right up to 2GB.

STAND 109

Anglia Television

Anglia House

Norwich NR1 3JG

Tel: 0603 615151

Database, spreadsheet and multimedia programs; world and UK mapping. On CD-ROM, human biology, castles, biographies, Replay, clipart and photographs. The full KEY datafile range.

STAND 41

Apricote Studios



2 Purls Bridge Farm

Manea

Cambridgeshire PE15 0ND

Tel: 0354 680432

Come and see the latest version of *Prophet*. Regarded by users as the best and easiest to use business accounts application.

STAND 5

Archimedes World

Argus Specialist

Publications

Argus House

Boundary Way

Hemel Hempstead

Herts HP2 7ST

Tel: 0442 665551

STAND 34

Atomwide



7 The Metro Centre

Bridge Road

Orpington

Kent BR5 2BE

Tel: 0689 838852

Atomwide is a leading Acorn dealer and manufacturer of expansion cards and upgrades for Acorn RISC computers. Its products include memory upgrades to 4 and 8MB, IDE and SCSI hard discs and interfaces, the Remote FS connectivity products and a range of Ethernet network cards.

ACORN USER

BBC Acorn User Magazine

Redwood Publishing

101 Bayham Street

London NW1 0AG

Tel: 071-331 8000

Acorn User is the show sponsor, so come and meet the team, on hand to give expert technical advice. See the subscribers' pack in action and look out for special show offers!

STAND GUIDE



THE STAND GUIDE

STAND 77

Beebug Ltd



117 Hatfield Road
St Albans

Herts AL1 4JS

Tel: 0727 840303

Acorn's largest dedicated dealer. Our new, highly competitive pricing structure and special packages offer fantastic value for money, backed up by our technical support team.

STAND 115

Calligraph



53 Panton Street

Cambridge CB2 1HL

Tel: 0223 461143

See the 8ppm A4-1200, a 1200dpi direct drive laser printer. This fast, affordable and very economical printer is the highest resolution A4 printer available. It supports variable screen densities, virtual sprites and many other typesetting features.

STAND 37

Cambridgeshire Software House



The Computer Centre
8 Bramley Road, St Ives
Cambridgeshire PE17 4WS
Tel: 0480 467945

Amazing Maths – an adventure to help children with mental arithmetic. *Complete Control* – uses control technology without needing hardware devices. Also *Gemini* – a matching pairs memory game.

STAND 2

Castle Technology



One Trading Estate
Woodbridge Road
Framlingham
Suffolk IP13 9LL
Tel: 0728 621222
New keyboards – a range of replacement keyboards for Acorn computers. High resolution monitors – a range of monitors that will brighten up your image.

STAND 45

CD Sports



4 Wirral Business Centre

Dock Road

Birkenhead, Wirral

Merseyside L41 1JW

Tel: 051-691 0893

Swimming contains over 40 animations, including underwater views which show how to do the four major strokes. *Water safety* simulations, quizzes and game test knowledge.

STANDS 31

CJE Micros



78 Brighton Road

Worthing

West Sussex BN11 2EN

Tel: 0903 213361

Memory upgrades, hard discs and ARM3s with Floating Point Accelerator, plus CJE's RAM upgrades. CJE Micros may also have an exciting secret new product to show!

STAND 47

Clares Micro Supplies



98 Middlewich Road

Northwich

Cheshire CW9 7DA

Tel: 0606 48511

Clares is showing many new products, including the really hot *ProArtisan 2*, *Rhapsody 3*, *Topographer*, *NightSky* and *Plot*. Visit us to see our many bargains.

STAND 74

Colton Software



2 Signet Court

Swanns Road

Cambridge CB5 8LA

Tel: 0223 311881

Colton Software launches *Fireworkz* – true integration of the innovative *Resultz* spreadsheet and *Wordz* wordprocessor. Talk to us about *PipeDream* and meet Abacus Training.

STAND 25

Commotion



Unit 11 Tannery Road

Tonbridge

Kent TN9 1RF

Tel: 0732 773399

Come to the Commotion stand and see the *POEM* Embroiderer working away using *Poetry* software.

STANDS 67, 68

Computer Concepts



Gaddesden Place

Hemel Hempstead

Herts HP2 6EX

Tel: 0442 63933

The most complete range of DTP-related products at the show. A dozen new releases include two new versions of *Impression* and a colour printer. There's also a full theatre programme on the stand.

STAND 91b

CU Electronics

65a Middle Hillgate

Stockport

Cheshire SK1 3EH

Tel: 061-476 0576

The latest in game control hardware and software – ProPad and Joyster interfaces. Also internal hard drives for the A3000 range, A4000 and A5000.

STAND 41a

Cumana



Pines Trading Estate

Broad Street, Guildford

Surrey GU3 3BH

Tel: 0483 503121

Come and see Cumana's new low-cost CD-ROM drive and the new *Granny's Garden* CD-ROM, plus the brilliant SEMERC A4000S!

STAND 14

Dabs Press

Warwick Street

Prestwich

Manchester M25 7HF

Tel: 061-773 8632

Dabs Press, the premier Acorn book publisher, will be displaying its wide range of Acorn-related titles, including the two latest ones, *RISC OS 3: First Steps* and *Artworks*.

STAND 30a

Davyn Computer Services



The Workshop

off Princess Street

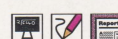
Sandal, Wakefield

West Yorkshire WF1 5NY

Tel: 0924 254800

STAND 107

Dec Data



PO Box 97

Exeter EX4 4YA

Tel: 0392 221702

Dec Data will have its full range of clipart, resource files and *ClearView* files for education, business and home use at the show.

STAND 90

Desktop Projects



Unit 2a

Heapriding Business Park

Ford Street, Stockport

Cheshire SK3 0BT

Tel: 061-474 0778

If you're looking for a complete Acorn computing solution, upgrades for your current system, or are simply seeking advice, then come and have a chat.

STAND 17

Digital Services



9 Wayte Street

Cosham, Portsmouth

Hampshire PO6 3BS

Tel: 0705 210600

Exciting times on Digital Services stand, with the launch of three RISC OS products: version 2 of *Squirrel*, Armlock hard disk security system and a high-performance Ethernet card.

STAND 28a

Electromusic Research



14 Mount Close

Wickford

Essex SS11 8HG

Tel: 0702 335747

The most comprehensive range of music software for home studio and school, covering sampling, sound and MIDI sequencing and real-time multimedia music printing systems.

STAND 85

Electronic Font Foundry



The Studio
Gibbs House
Kennel Ride

Ascot

Berkshire SL5 7NT

Tel: 0344 891355

A range of over 600 outline fonts with full auto-kerning for over 50 languages, as well as publishing utility software and foreign language keyboard drivers.

STAND 120

Emerald Publishing



166 Shelford Road
Cambridge CB2 2NE

Tel: 0223 840138

Unusual software for RISC OS computers – for both education and home use. You can also see Acorn technical documentation in CD-ROM format.

STAND 20

ESM



Duke Street

Wisbech

Cambridgeshire PE13 2AE

Tel: 0945 63441

Quality educational software for all age groups. The bestsellers on the Archimedes include our *Folio* and *Time Traveller* series, *Kid Pix*, *Bookstore*, *World Map Study*, *Podd* and many more.

STAND 116

Explan UK



St Catherines House
Plymouth Road
Tavistock
Devon PL19 8AY

Tel: 0822 613868

See 3D software using *SPEX*, *Tab*s and the new and stunning *Architech*, together with Explan's new *PocketBook Explorer* and event diary system.

STAND 93

Expressive Software Projects



Holly Tree Cottage

Main Street

Strelley Village

Nottingham NG8 6PD

Tel: 0602 295019

Specialists in music software and hardware. Software includes *Compose World* and *Rhythm Maker*. Hardware features the exciting new super-sound expansion system.

STAND 33

Gamesware



Unit 26

The Bartletts

Hamble

Southampton SO3 5RD

Tel: 0703 456523

Xenon 2 and *Robocop* joined by new versions of *Cycloids*, *F.R.E.D.*, *Games Wizard* and a preview of the *Simon the Sorcerer* graphical adventure game, all controlled by Power Pads.

STAND 73

Holdfast Computing



Strode House

Strode Gardens

Alveston

Bristol BS12 2PL

Tel: 0454 411126

The attractive new Joypad, an alternative to the mouse for young children, can be put through its paces, along with a range of

accessories for early learning and special needs.

STAND 93a

Honormead Software



The Grange Admin House

Hospital Lane

Mickleover

Derby DE3 5DR

Tel: 0332 512848

Acorn computers and software, plus specialist peripherals for special educational needs and the home user. Zero per cent finance available and a special prize draw throughout show.

STAND 118

HS Software



Hendrefoilan Avenue

Sketty

Swansea

West Glamorgan SA2 7NB

Tel: 0792 204519

Fun National Curriculum games for children 5 to 11, featuring stunning digitised graphics and speech. Huge discounts of up to 70 per cent on our special show compilations.

STAND 91

I-Cubed Ltd



Lincoln House

The Paddocks

347 Cherry Hinton Road

Cambridge

CBI 4DM

Tel: 0223 566113

I-Cubed is the market leader in in-system re-programmable networking products. All our products are designed to comply with the International standard IEEE802, even for the A3020 machine.

STAND 108

Icon Technology



Scope House

Weston Road

Crewe CW1 1DD

Tel: 0270 582795

Come and see the latest versions of *StartWrite*, *EasiWriter* and *TechWriter*. Take advantage of our special show prices and you could be lucky and win an Acorn Pocket Book.

STAND 55

ICS (Ian Copestake Software)

1 Kington Road

West Kirby

Wirral

Merseyside L48 5ET

Tel: 051-625 1006

We are offering the largest range of software from all leading publishers for home, business and education, plus innovative hard disc products and friendly advice.

STAND 92

IFEL



34 Culver Road

Saltash

Cornwall PL12 4DR

Tel: 0752 847286

Talk to us about increasing your system performance with our new 33MHz ARM3 upgrades. Visit us at our joint Alsystms/IFEL stand for expert advice and keen prices.

STAND 109a

Integrex Systems



Church Gresley
Swadlingcote
Derbyshire
DE11 9PT

Tel: 0283 550880

Printing solutions from Integrex, Hewlett-Packard and Panasonic. Colour printing from £150 to £5000 – something for all budgets. And the first showing of a new Integrex A4 colour scanner.

STAND 80

Iota Software



St John's Innovation Centre

Cowley Road

Cambridge CB4 4WS

Tel: 0223 421542

Our advice is definitely don't buy a database until you have seen what's on offer on the Iota stand. See *DataPower*, plus easy animation and colour scanning in action.

STAND 121

Irlam Instruments



Brunel Institute for

Bioengineering

Brunel University

Uxbridge

Middlesex UB8 3PH

Tel: 0895 811401

High-quality flat bed colour scanners and real-time video digitisers. The latest *Replay* DIY upgrade improves video, and new software allows time-lapse, audio sampling and more.

STAND 57

Keyboard Technology

Unit 3 Gordon Road

Meadow Lane Ind Estate

Loughborough

Leics LE11 1JX

Tel: 0509 610706/8

A range of software products which will be of great interest to parents and all users in education.

Education

Education is Acorn's heartland. It dominates the UK schools' market, where 43 per cent of all new acquisitions are Acorn computers.

In the education sector it's been a busy but productive year for Acorn, culminating in the overwhelming success of the second Tesco Computers for Schools promotion. A staggering 30,000 pieces of equipment, including almost 7000 new computers, found their way into UK schools via this scheme.

Other recent high points range from the launch of the A4000S, the hardware and software bundle which was put together for pupils with special educational needs, to the innovative Active IT courses, which combine outdoor pursuits with computer-based learning.

Although it is first and foremost a hardware manufacturer, one of the keys to Acorn's success is that it has the acumen to collaborate with partners who have complementary areas of expertise – Northwest SEMERC on the A4000S and Pontins' subsidiary Superchoice on the activity holidays.

Of course Acorn continues to work with key educational software developers on products which serve the needs of an ever-changing National Curriculum, and those at the chalkface who implement it.



Two young users showing that the learning process can be fun as well as educational.

The vast range of educational software, of which just a little is pictured here, combines with powerful hardware to make the Acorn a potent learning tool for all ages, both in the classroom and in the home.

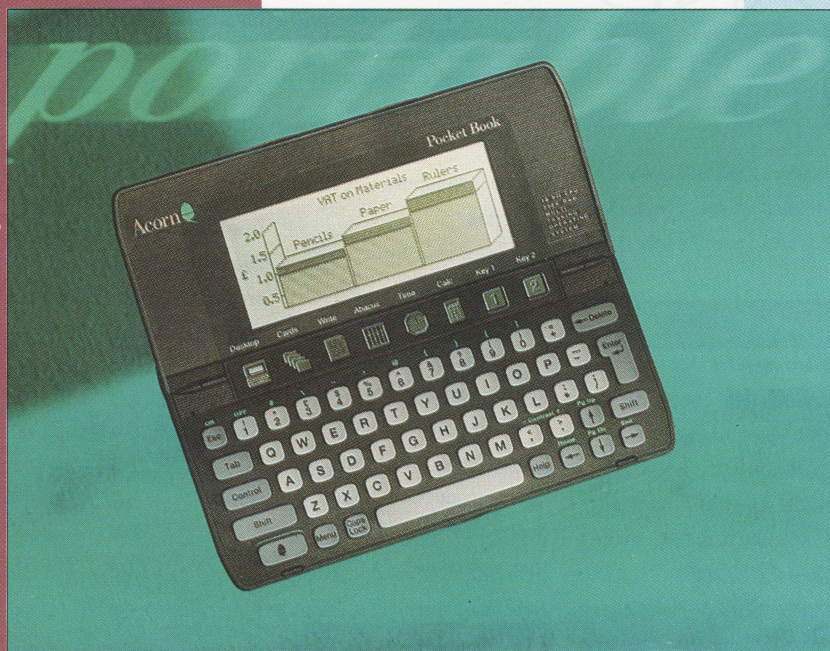
For the last two or three years, the way in which educational establishments are run has been in a state of flux. But local management of schools and the prescribed National Curriculum are now firmly in place, and the market is starting to stabilise again.

Multimedia technologies

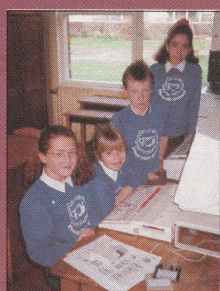
Multimedia technologies have enormous potential for use in education. In terms of products, access to colour images stored on Kodak Photo CDs will be very significant for schools in the coming year, while the beauty of a piece of software like Acorn Replay and hardware such as Replay DIY is that a school can create Replay movie files that run on the most basic of machines, even an A3000 or A3020.

Teachers and students, right down to the youngest primary pupils, are beginning to experiment with sophisticated multimedia applications and Acorn will continue to keep pace with demand from users for further improvements in the quality of, for instance, full motion video screen images.





Acorn offers two schemes to aid educationalists. Acorn Assist helps teachers, academics, support staff and even students to buy their own Acorn computer at a special low price. And low-cost credit is available, too.



Acorn Options is a schools' rental package which helps schools to spread the cost of IT purchases.

But beyond the technology itself, it's important that people in education understand exactly how multimedia can enhance teaching and learning, and to this end Acorn is supporting Hampshire's Horizon Project. This is curriculum-based research which, through 50 or so different projects, is looking at the benefits that multimedia can actually bring to the classroom. Its findings will be published later this year.

Acorn's Pocket Book

Uptake of the Pocket Book – close to 10,000 will have been sold by the end of 1993 – has shown that Acorn is right in its belief that there is a demand for hand-held computers in schools. *Schedule*, a nifty diary application for the Pocket Book, has recently been released, and data capture software is on the way.

Despite initial reservations from some quarters of the educational community, Acorn firmly backed the principle of 'one per pupil' right from the start. This has now been embraced by the majority of IT experts, but Acorn appreciates that, in practice, the idea does need qualifying, so its on-going market research is monitoring the way in which computers which are, quite literally, personal, are being used in schools.

The PC world

The 386 and 486 PC cards designed by Aleph 1 are another example of the way that Acorn listens to its customers. For instance, a head of

Acorn in Education Centres

Like all suppliers to education, Acorn has had to find new channels of communication as schools move towards self-management. It has changed from talking to around a hundred local education authorities to addressing 35,000 separate institutions – the individual schools. And within each one of these there may be up to ten people who want to discuss their own requirements for IT.

That Acorn has effected this change so smoothly and effectively is due, in no small part, to the creation of the Acorn in Education Centres (AECs). The strength of this national network of technology advice centres is that they are completely independent, yet they enjoy the benefits of a special relationship with Acorn.

A year after their inception, response to the AECs has been very positive; they really do seem to be providing the information and services which schools need. Acorn has supported them admirably but the challenge for the next 12 months is for the AECs to take control of the initiative themselves. They need to emerge as commercial entities in their own right, and a steering group has been set up to enable this to happen.

department can now use his or her RISC OS A-series machine for teaching purposes, but can slip into the PC world for administrative work.

Acorn has spent some time developing its networking philosophy, but the company is now confident that it's got it right. With the Acorn

Universal Networking, schools have access to a high quality network strategy which offers interconnectivity, compatibility and flexibility.

Of course, earlier this year the last BBC Master micros rolled off the production line and, although lamented by many, it was undoubtedly the right time for Acorn to move away from eight-bit technology. The company has made a commitment to support these older machines for the next five years but schools undoubtedly deserve the power and sophistication provided by 32-bit computers. That's what Acorn World: A Vision for the Future is all about!

Despite the outward sign of growth in its move to impressive new corporate headquarters outside Cambridge, Acorn's roots are in the education community. The company places an extremely high value on the loyalty and enthusiasm of its customers in schools, and it will continue to respond to their developing IT needs.

DID YOU KNOW?

...that there are more than 200 printers and typesetters around the country who use Acorn.

THE STAND GUIDE

STAND 114

Klein Computer



Hasslocher Str 73
D-6090
Ruesselsheim
Germany
Tel: 01049 6142 81131

STAND 79

Kodak



Kodak House
Station Road
Hemel Hempstead
Herts HP1 1JU
Tel: 0442 61122

With Kodak's Photo CD products you can transfer your photographs to a Kodak Photo CD and view them on your TV, or import them to your computer, where they can be integrated into other applications. Take your snaps and have a Photo CD made at a special price.

STAND 49

Lindis UK and Lingenuity



Wood Farm
Linstead Magna
Halesworth
Suffolk IP19 0DU
Tel: 0986 85476
SCSI upgrades (and hard disc drives and CD-ROMs), SCSI share (Lingenuity's solution for sharing hard discs), *Cablenews*, *Presenter GTi* and a warehouse-clearing bargain box of hardware and software.

STAND 72

Longman Logotron

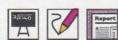


124 Cambridge Science
Park
Milton Road

Cambridge CB4 4ZS
Tel: 0223 425558
Respected publisher of powerful, easy-to-use educational and professional RISC OS applications. We'll be exhibiting new versions of *Eureka* and *S-Base* and previewing an exciting new product called *Revue*.

STAND 23

Look Systems



47 Goodhale Road
Bowthorpe
Norwich NR5 9AY
Tel: 0603 764114
A range of Archimedes software including *AutoCopy* disc duplication software, *Disc Rescue*, *Bit Folio* cartoon graphics and Monotype typefaces.

STAND 56a

Matt Black



PO Box 42
Peterborough
PE1 2TZ
Tel: 0733 315439
Latest budget games releases *Blood Sport* and *Aggressor*. New enhanced version of our bestseller *Spheres of Chaos*. Superb Draw format clipart packs.

STAND 91a

Mewsoft



11 Cressy Road
Hampstead
London NW3 2NB
Tel: 071 267 2642
Mewsoft is demonstrating *Diet Manager Extra*, which includes information on

vitamins and minerals. Also on display are *Forms Suite Plus* and *Speed Reader*.

STAND 30

Micro-Aid



Kildonan Courtyard
Barrhill
South Ayrshire
Scotland KA26 0PS
Tel: 0465 82288

The only genealogical package, the only payroll package, plus many accounts and mailing programs, for all Acorn computers. Discs, boxes, paper, labels and friendly advice, too.

STAND 45

Microvitec



Bolling Road
Bradford BD4 7TW
Tel: 0274 300011
A range of top-quality, highly respected colour monitors can be seen on Microvitec's stand, covering a variety of screen sizes and frequencies.

STAND 117

Mijas Software



Winchester Road
Micheldever
Winchester
Hampshire SO21 3DG
Tel: 0962 774352
Arc SIMP, analogue and digital simulation on any Archimedes, for home, professional and educational use. Also, our user configurable *Display/Controller*, a graphical RISC OS Wimp interface.

STAND 3

Millipede Electronic Graphics



Cambridge House
Hargrave
nr Bury St Edmonds
Suffolk IP29 5HS
Tel: 0284 850594

Yes, the long awaited APEX Imager photographic board is here. Anyone with a professional interest in video production or image processing must make sure they visit our stand.

STAND 42

Minerva Software



Minerva House
Baring Crescent
Exeter
Devon EX1 1TL
Tel: 0392 437756
Primeword, *Primemover* and *Keyboard Trainer* will be launched at the exhibition. They will join the extensive range of high-quality packages on show from Minerva Software.

STAND 22

Neurotron Software

Birch Tree House
Petham
Canterbury
Kent CT4 5QU
Tel: 0227 700516
Neurotron Software is a new company which is already attracting a great deal of interest with the release of its optical character recognition system, *Optical*.

STAND 48

Norwich Computer Services



96a Vauxhall Street
Norwich

NR2 2SD
Tel: 0603 766592

Archive magazine from NCS, the subscription magazine and support group for Archimedes users. Come and talk to us about Archive's user group and the special show subscription offer.

STAND 81

Oak Solutions



Broadway House
149-151 St Neots Road
Hardwick
Cambridge CB3 7QJ
Tel: 0954 211760
Multimedia, computer-aided design, animation, educational courseware, printer drivers, programming languages, high speed networking. What more can we say - see it all on the Oak Solutions stand.

STAND 43

Oregon Software



36 Grosvenor Avenue
Streety
Sutton Coldfield
B74 3PE
Tel: 021 353 6044
Come and experience the first-ever Acorn 32-bit morphing package - *Morpheus*. Plus new leisure titles, *Quark*, and *Arcturus* - the first Gouraud-shaded vector landscape game.

STAND 59

Panda Discs

Xword, the crossword application, is available at a special show price. If you visit the stand, you'll also find other BBC Micro software, plus a collection of business and special needs teaching packs.


STAND 76

PBF Services

Unit 25
Earith Business Park
Meadow Drove
Earith
Cambridgeshire PE17 3QG
Tel: 0487 740211
PBF will be supplying on-the-spot servicing and repair for Acorn computers at the exhibition. The company is also an exhibition contractor and mailing fulfilment house.


STAND 107

Pen & Think Software


95 Lyme View Road
Torquay
Devon TQ1 3UF
Tel: 0803 311553
Educational programs, transparent in use, and arranged in levels for inexperienced and professional users. Pen & Think puts the focus firmly on the curriculum, not on the software!

STAND 40

Pineapple Software


39 Brownlea Gardens
Seven Kings
Ilford
Essex IG3 9NL
Tel: 081 499 1476
Come to the stand and see all our usual products and pick up full information on our new Virus Protection Scheme. Plus special show offer on our ever-popular video colour digitiser.


STAND 4

Quill Marketing

11 Hemmings Close
Norwich NR5 9EU
Tel: 0603


STAND 57

Resource


Exeter Road
Wheatley
Doncaster
South Yorkshire DN2 4PY
Tel: 0302 340331
High-quality educational software for both home and school – that's the reputation gained by Resource over the last ten years – come and see why!

STAND 59

Rheingold Enterprises


7 Waterbridge Court
Appleton
Warrington WA4 3BJ
Tel: 0925 210657
Our main product is *Vigil*, a multi-tasking programming monitor/debugger which provides essential information for program developers working in the Wimp environment.

STAND 77a

RISC Developments


117 Hatfield Road
St Albans
Herts AL1 4JS
Tel: 0727 840303
Leading developer of software and hardware products *Ovation*, *Masterfile*, IDE hard drives, RAM and processor upgrades. New products *Sleuth OCR*, *Easy C*, a high-density floppy disc interface, tape streamer and Ethernet cards.

STAND 75

RISC User Magazine

117 Hatfield Road
St Albans
Herts AL1 4JS

Tel: 0727 840303

The leading subscription magazine dedicated to Acorn's RISC computers. Come and see our special offers for new subscribers, plus demonstrations of new and established products – outline fonts, *DeskEdit* and *Arcscan*.


STAND 91a

Serious Statistical Software


Lynwood
Benty Heath Land
Willaston
South Wirral
Merseyside L64 1SD
Our *First* family comprises three multi-tasking statistical packages. Powerful graphical capabilities complement unrivalled statistical facilities. Schools' level to advanced scientific research. Evaluation copies willingly supplied.


STAND 35

Shadow Robot Project


357 Liverpool Road
London N1 1NL
CDT students can easily build moving structures using DIGITs (artificial air muscles), with a control board that you just plug into the serial port. Create a program by dragging icons and pressing Go!

STAND 35


Sherston Software


Swan Barton
Sherston
nr Malmesbury
Wiltshire SN16 0LH
Tel: 0666 840433
Sherston is launching the

computer version of TV's top adventure show *The Crystal Maze*. It is also exhibiting its renowned range of excellent educational software.


STAND 27

Sibelius Software


4 Bailey Mews
Auckland Road
Cambridge CB5 8DR
Tel: 0223 302765
Sibelius Software is launching *Sibelius 6*, the home and educational version of *Sibelius 7*, which is widely regarded as the world's top professional music printing program.


STANDS 78, 123

SJ Research


J1 The Paddocks
347 Cherry Hinton Road
Cambridge CB1 4DH
Tel: 0223 416715
Featured on stand 123 is *Nexus Junior*, the ideal entry level disc sharer, allowing hard disc sharing for up to 10 Archimedes. Stand 78 is showing the more powerful *Nexus* disc sharer and networking systems, capable of providing high-speed, site-wide networking and shared resources for large clusters of Archimedes computers.

STAND 24

Snap Computer Supplies


Unit 16 The Sidings
Hound Road
Netley Abbey
Southampton SO3 5QA
Tel: 0703 457111
Available at Acorn World '93 will be our full range of

consumables and accessories, all at special prices.


STAND 38

Spacetechn


21 West Woods
Portland
Dorset DT5 2EA
Tel: 0305 822753
Spacetechn will exhibit the latest versions of its image processing software and satellite meteorological stations. Applications on show will include *Orrery*, *Kepler*, *PDS View* and the *Weather* disc.

STAND 56a

Stallion Software


Arundel House
Arundel Road
Camden
Bath BA1 5JX
Tel: 0225 339090
Almanac – the very latest in personal information management. If you're a programmer, do come and see *StrongED*. And for language teachers, you'll be fascinated to explore *Lexicon*, in French, Russian and German.

STAND 93

State Machine


Unit 4
Stopsley Business Centre
St Thomas's Road
Luton
Beds LU2 7UX
Tel: 0582 484266
State Machine is pleased to be announcing a new range of products. These will include memory upgrades, IDE controllers, CD-ROM drives and also a new generation of graphics accelerators.

Publishing

Acorn is making a determined bid for the desktop publishing and pre-press market by providing a complete publishing system based around an A5000.

Hitherto, Acorn has been well known for its strength in education. And it has repulsed attempts by other manufacturers to oust it from this market. But Acorn computers have not been prominent in other areas – until now.

The company has this year embarked upon a major campaign to enter the publishing and pre-press market, indirectly taking on the might of Apple and the PC clones. It's doing this by selling complete publishing systems based on the A5000

with extra memory and graphics cards, together with direct drive laser printers and scanners and all the software needed for a desktop publishing installation. This 'turnkey' system is of particular interest to small typesetting companies and jobbing printers – and to the 'instant print shops' along the High Street. A network of skilled publishing dealers is being established to ensure professional support for the initiative.



At present, the limitations of memory size – the A5000 can be fitted with a maximum of 8MB of memory – and the 256-colours only display hold back the development of full-colour publishing.

Future hardware enhancements based around faster ARM processors, bigger memories and 24-bit true-colour display systems are crucial to the success of the Acorn Publishing System. These will enable the development of colour scanning and retouching applications to match the existing page layout capabilities.

What is OPI?

As scanners move from 100 to 400, even 600 or 1200 dots per inch, file sizes grow. At 600dpi, a greyscale scanner can produce a file 8MB in size from a normal postcard. Manipulating files this large is slow.

An Open PrePress Interface standard allows scanners to produce two versions of each scan – a 'preview' file to show on screen, plus the full resolution version. Manipulating the preview is fast, but when printing, the small preview gets replaced automatically by the full-detail version.

The Acorn range is particularly suited to desktop publishing because of the power of its 32-bit RISC processor, its unique anti-aliased outline font display system, plus the easy-to-use and consistent drag-and-drop and multi-tasking features of RISC OS. Compatibility with important standards – Postscript output, for example, or the ability to read standard PC DOS discs without any extra 'translation' software, and Acorn's planned link to existing Novell Netware networks – ensures that an Acorn-equipped

Acorn's Publishing System centres around a top-of-the-range 8MB A5000 with improved graphics

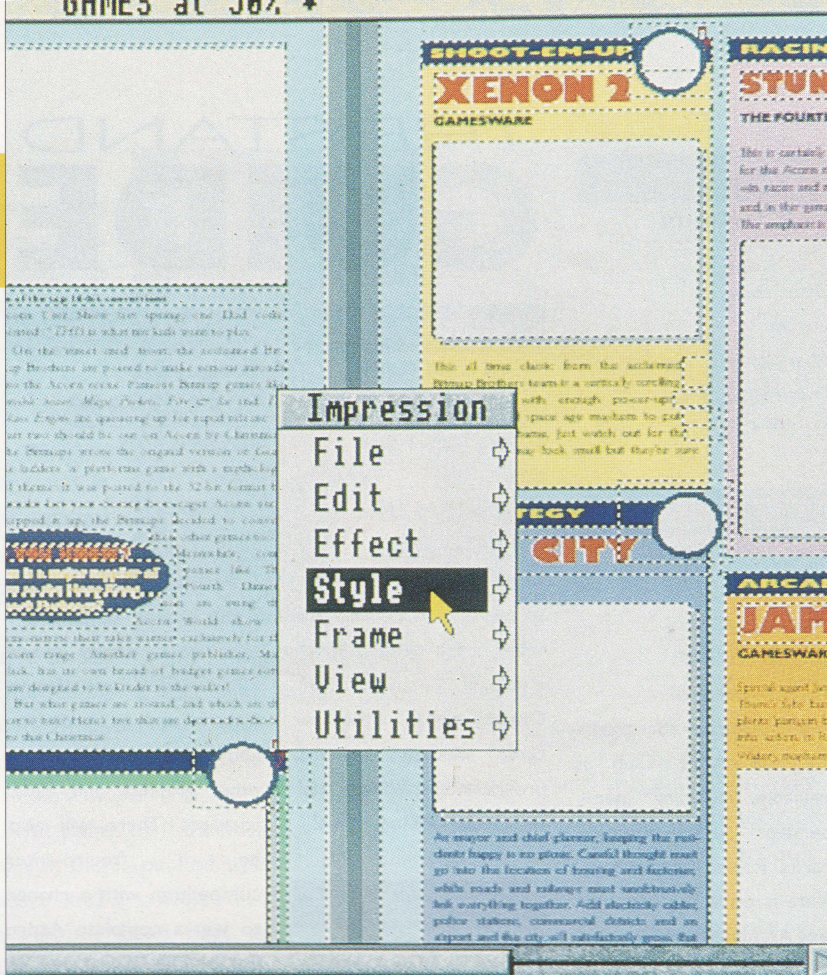
system can work productively alongside existing Macintosh and PC-based publishing installations.

Page layout

Page make-up software is the heart of any publishing system, and with *Ovation* and most particularly *Impression*, the Acorn range is very well served.

Computer Concepts' *Impression* has undergone extensive development this year, with two new versions on display at Acorn World. Both incorporate greater typographical sophistication, with tracking and automatic kerning, and full CMYK colour control.

The more advanced of the two, *Impression Publisher*, incorporates a host of professional features like a page grid for positive horizontal alignment of text, a bleed area off the page, and Postscript control over halftone screening – even



Press manufacturer chooses Acorn

On the Continent, Acorn has a sales tie-up with AB Dick, a major American manufacturer of small printing presses. AB Dick chose the Acorn Publishing System to offer to companies which buy its presses, and the link is proving particularly beneficial in the Netherlands, Belgium and Germany – where Acorn has recently established a subsidiary company, Acorn Computers GmbH. A particular attraction of the Acorn Publishing System for AB Dick's customers is the ability to print directly on to printing plates.



on a picture-by-picture basis. *Impression Publisher* will also support OPI.

Graphics files generated on other systems, both EPS and TIFF, can be displayed on screen, alongside normal RISC OS drawings, sprites and Computer Concepts' *Artworks* files.

Support software

Drawing applications, scanning, image enhancement and retouching are also important to desktop publishers. With the continuing development of *ScanLight*, *Artworks* and Longman Logotron's *Revelation ImagePro*, plus the release of Clares' *ProArtisan 2*, the range of software has got better and wider.

Fontware is also readily available: as well as compatibility with almost any Postscript Type 1

CMYK?

Printing a colour can be done with a coloured ink, premixed to the colour you want – a spot colour. But the four process colours, just cyan, magenta, yellow and black, can be printed in different proportions to give almost any colour.

typeface available for the PC or Macintosh, both Electronic Font Foundry and LookSystems provide ranges of high-quality typefaces in Acorn format. The latter has licenced many of the most popular Monotype fonts at an eminently affordable price.

Hardware like the direct-drive laser printers from Computer Concepts and Calligraph also give Acorn an edge, with their exceptional printing speeds and ability to print direct on to plastic printing plates.

DID YOU KNOW?

...that Acorn has sold nearly 300,000 RISC computers.

Photo CD

One of the brightest developments this year will be Acorn's support for Photo CD – Kodak's system for storing 'photographic' images on CD-ROM. Anyone with a compatible, multi-session CD-ROM drive will have access to affordable, high-quality colour scanning.

Photo CD images are of much higher quality than affordable desktop flatbed or handheld scanners, yet a disc of scans can be made from a roll of developed negative film or slides for only a few pounds. Extra scans can be added later, too.

Combined with *Impression's* ability to work in CMYK colour and to print colour separations, Photo CD points the way towards low-cost yet professional-standard full colour publishing in the near future.

THE STAND GUIDE

STAND 56b

TBA Software



Glancedan
Llanon
Aberystwyth
Dyfed SY23 5HB
Tel: 0974 202624

STAND 21

The ARM Club



Freepost ND6573
London N12 0BR
Tel: 081-446 3020
Full information about joining the ARM Club is available, including membership and magazine packs. Public domain software is on sale, along with free Archimedes advice.

STAND 103

The Data Store



6 Chatterton Road
Bromley
Kent BR2 9QN
Tel: 081-460 8991
We'll have all that's new, along with some totally amazing bargains in our annual sale. We're also here to answer your queries on anything Acorn.

STAND 95

The Science Museum



Exhibition Road
South Kensington
London SW7 2DD
The Science Museum in London has been using a range of Acorn computers for over a decade. If you come along to our stand you will have the opportunity to see some of our more recent computer-based displays.

STAND 52

The Serial Port



Burcott Manor
Wells
Somerset BA5 1NH
Tel: 0749 670058
Communications solutions: software, modems and cables. High density floppy disc/SCSI controllers. Digital signal processor card, storage systems, programmer's editor, dual serial card and lots more!

STAND 26

TMJ Computer Software



39a Station Road
Desborough
Northants NN14 2RL
Tel: 0536 762716
We are a hardware and software retailer with shop and mail order service. We're fast, friendly and offer full after-sales support. Home user specialists - we also do deals.

STAND 44

Topologika



PO Box 39
Stilton
Peterborough
Cambs PE7 3RL
Tel: 0733 244682
Educational software and adventure games. Releases include *Navigator* (geography and maths), *Wordbank* (spelling and reading), *Talking Rhymes* (nursery rhyme tutor) and *Spysnatcher* (a classic adventure game).

STAND 122

Uniqueway



42 Crwys Road
Cardiff
CF2 4NN
Tel: 0222 644611
Uniqueway launches the latest version of *Empire* - the Acorn Replay movie editor, with a host of new features such as annotation and import facilities from other graphics and audio packages. There will also be a free-to-enter competition with a chance to win a complete Acorn Replay DIY kit, copies of *Empire* and *Empire* sweatshirts.

STAND 6

Vantage One Direct



Northwood House
North Street
Leeds LS7 2AA
Tel: 0532 374000
The new-look Software Bargains! Educational, leisure and serious applications at special show prices! Also representing Leading Edge, so expect major developments - essential for A3000 users!

STAND 33

Vertical Twist



Albany House
Oving Road
Chichester
West Sussex PO19 4BH
Tel: 0243 531194
Visit the VT stand for the best deals for hard drive and SCSI upgrades. Look

out for *Investigator III* and our music products.

STAND 19

WeServe



40-42 West Street
Portchester
Hampshire PO16 9UW
Tel: 0705 647000
WeServe is a nationwide educational dealer, showing low-cost colour printing solutions and special needs equipment. Visit WeServe for the best service before and after sales.

STAND 67

Wild Vision



15 Witney Way
Boldon Business Park
Boldon Colliery
Tyne and Wear NE35 9PE
Tel: 091 519 1455
Important new developments in multimedia, plus CD-quality audio hardware, professional-quality video titling (with S-VHS), MIDI, graphics handling and superlative digitising products. We must be experienced!

STAND 94

Wydfwa Software



3 Preswylfa
Llanberis
Gwynedd LL55 4LF
Tel: 0286 870101
Wydfwa Software produces educational software for young children with special educational needs. The programs use sampled speech to encourage language development and reading skills.

All registered trade marks are acknowledged.

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Acorn is a very well-known name in the education and games sectors, but in the last 18 months or so the company has made major inroads into the tough consumer market. This is partly because more people are realising that an Acorn computer is a perfect platform for the much-touted concept of 'edutainment' and, as consumer general manager Richard Percy explains, "There are so many things you can do with a computer which you simply can't do on a console."

There are three main options for the home user, all offering different combinations of hardware and software. The Action Pack, based on the A3010 machine, is games-orientated. It includes *Zool*, an exciting arcade-style adventure featuring a cute intergalactic ninja from the 'nth' dimension. There are also four interactive demos – *Lemmings*, *Chuck Rock*, *Superpool* and *Fervour* – but because you will want to do more than just play, Acorn has added *Startwrite*, a powerful, easy-to-use wordprocessor, ideal for anything from school work to professional business documents. You'll also find a variety of useful applications come as part of the package, plus an audio training tape, to help you get started.

If you want a stronger educational emphasis, what better way to support your children's progress than with the Learning Curve Pack. This software collection is available with either the A3010 (2MB), the A4000 or the A5000, and is probably the only way to balance school curriculum activity with work at home. Included is *Advance*, one program which provides a wordprocessor, a spreadsheet, a database and graphing facilities. And for adults forced to bring work home from the office, the *PC Emulator* allows you to run most PC

software. There are also no less than 10 interactive demos of educational programs, including the brilliant *Naughty Stories*, *Crystal Rain Forest*, *Topographer*, *Rhapsody II*, *ScoreDraw* and *VoxBox* (the last three are music applications).

Finally, if you're running a business from home you will welcome the Home Office package. It's got everything you need to help keep administration manageable and to create a very

HOME

Whether you want to shoot-em-up, support your children's learning or run a business from your armchair, you'll find Acorn has the answer.



Acorn and home computing: the pieces fit perfectly

professional image. Included are *Easiwriter*, *DataPower*, *PipeDream 4*, *PC Emulator*, and an audio guide to RISC OS. Together these provide wordprocessing, charting, database and spreadsheet facilities and, of course, the ability to run PC applications. So, from home you can produce letters, reports and documents, design letterheads and establish as many databases as you need, for anything from customer addresses to spreadsheets for stock control. Again, interactive demo software offers an integrated personal organiser and a professional accounts system.

If you still need convincing about the brilliance of Acorn machines for home computing, you can contact Acorn for a free video. The *Home Computer Minefield* shows exactly what an Acorn computer can do for you and your family, in the comfort of your own home.

DID YOU KNOW?

...the Royal Air Force uses Archimedes flight simulators to select pilot candidates.

COMPUTING

There was a sad time when Acorn users were routinely excluded from playground chat on shoot-em-ups, and rudely left out of office meetings on arcade strategy. Discussions about the latest, biggest, fastest and best went whizzing straight over their heads.

However, all that has changed. Conversions from the prime cut of the 16-bit scene are rife, as games such as *Xenon 2*, *James Pond 2: Robocod* and *Heimdall* vividly testify. And because of the success of these conversions, games are now being written for all formats at the same time. So Acorn fanatics need no longer wait those tantalising extra few months before getting their teeth and joysticks into the latest games releases.

Perhaps the most exciting development this year is that new distribution through CentreSoft, a leading distributor of entertainment software, should mean that Acorn games will soon be readily available from most retail outlets. Acorn gamers fed up with getting their pixel-zapping kicks via mail order should be able to saunter into stores like Virgin Games, Boots, John Menzies and WH Smith, and find well-stocked shelves of Acorn software.

CentreSoft's initiative has led mainstream games publishers such as US Gold, Ocean and Electronic Arts to plan their own strategies – and each is keen to make an impact on the Acorn market.

Meanwhile, other publishers are already beaver away producing top quality Acorn games. Earlier this year, Gremlin Graphics released the mega blockbuster *Zool*, which had topped the 16-bit charts for weeks on end. *Zool* is a spiky-haired ninja, and his colourful conquest of lands filled with Smarties, Polos and musical notes



Heimdall: one of the top 16-bit conversions

was enthusiastically welcomed by many Acorn users. When *Zool* was previewed at the BBC Acorn User Show last spring, one Dad commented: “*THIS* is what my kids want to play.”

On the ‘street cred’ front, the acclaimed Bitmap Brothers are poised to make serious inroads into the Acorn scene. Famous Bitmap games like *Sensible Soccer*, *Magic Pockets*, *Fire & Ice* and *The Chaos Engine* are queueing up for rapid release: at least two should be out on Acorn by Christmas. The Bitmaps wrote the original version of *Gods*, the ladders ‘n’ platforms game with a mythological theme: it was ported to the 32-bit format by

Krisalis last year.

Seeing how eager Acorn users

quickly snapped it up, the Bitmaps decided to

convert their other games too.

Meanwhile, companies like The Fourth Dimension are using the Acorn World show to demonstrate their titles written exclusively for the Acorn range. Another games publisher, Matt Black, has its own brand of budget games software designed to be kinder to the wallet!

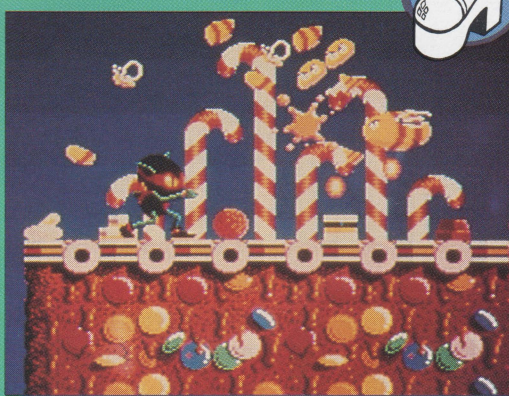
DID YOU KNOW?

...that Acorn is a major supplier of hardware to the Hong Kong Stock Exchange?

ZOOL

GREMLIN GRAPHICS

Zool is the happening ninja from another dimension, sent to sort out the bad guys from the liquorice allsorts. In worlds ranging from colourful sweets and the land of music, to toys galore and woodwork tools, ultra cool *Zool* leaps and kicks his way across platforms and spikes, squelching nasties and performing flash spins in the air!



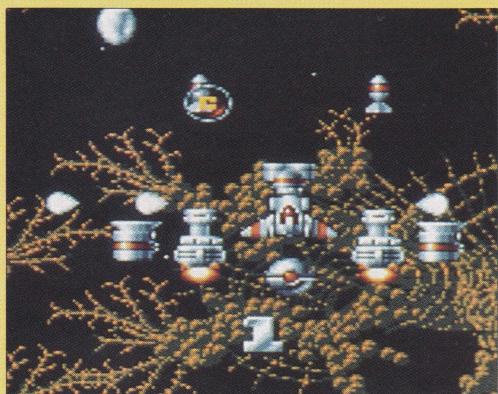


SHOOT-EM-UP



XENON 2

GAMESWARE



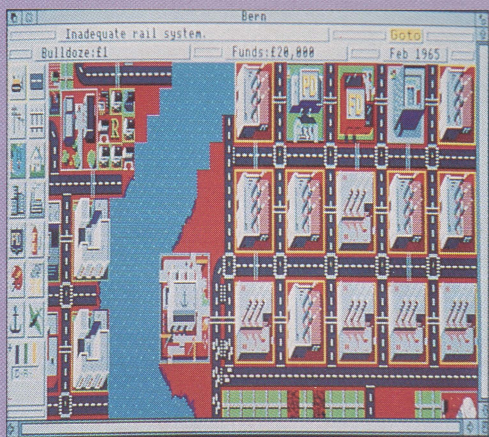
This all time classic from the acclaimed Bitmap Brothers team is a vertically scrolling shoot-em-up, with enough power-ups, explosions and space age mayhem to put Star Trek to shame. Just watch out for the aliens – they may look small but they're sure dangerous!



STRATEGY

SIM CITY

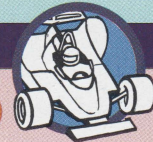
KRISALIS



As mayor and chief planner, keeping the residents happy is no picnic. Careful thought must go into the location of housing and factories, while roads and railways must unobtrusively link everything together. Add electricity cables, police stations, commercial districts and an airport, and the city will satisfactorily grow. But how high can the taxes go before people start moving out...?



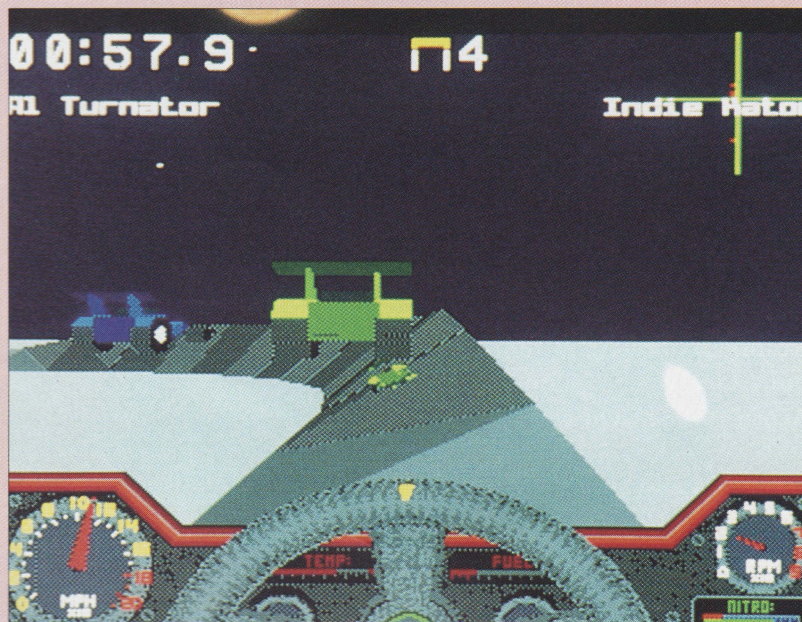
RACING



STUNT RACER 2000

THE FOURTH DIMENSION

This is certainly the wackiest, if not the most addictive, car racing game for the Acorn range. One or two-player, drivers burn round 3D tracks to win races and money to beef up their cars. Pole position helps of course and, in this game, masonic backscratching and sabotage can be bought! The emphasis is on 'fun', not precision simulation.



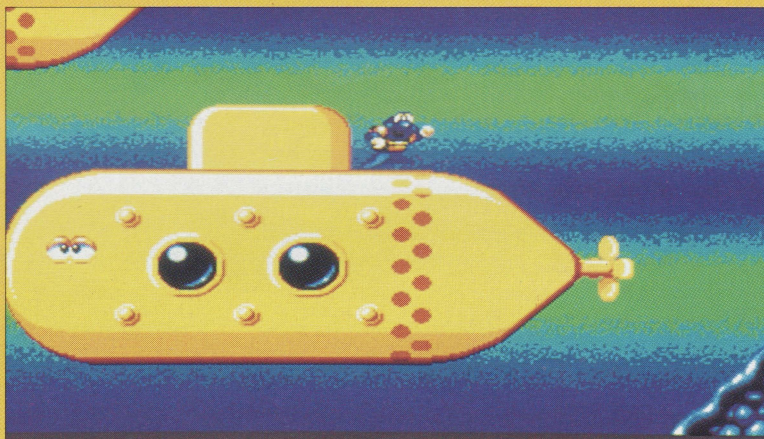
ARCADE



JAMES POND 2

GAMESWARE

Special agent James Pond is back for mission two, this time as RoboCod! There's fishy business as the evil Dr Maybe seeks world domination and plants 'penguin bombs' in toy factories at the North Pole. Pond splashes into action, in his Turbo Tub, as the only goldfish with a licence to krill. Watery mayhem across eight levels!



Acorn Gallery

The Acorn Gallery leads the way into the exhibition. It both illustrates Acorn's past successes and points the way to the future, with some of Acorn's latest technology on show.

You can't miss it... Acorn's Vision for the Future is on show in the Acorn Gallery. The displays illustrate only part of Acorn's wide-ranging concerns – from how green is your packaging to how will we use computers in offices of the future – but give you a glimpse of Acorn's latest technology.

Graphics and size

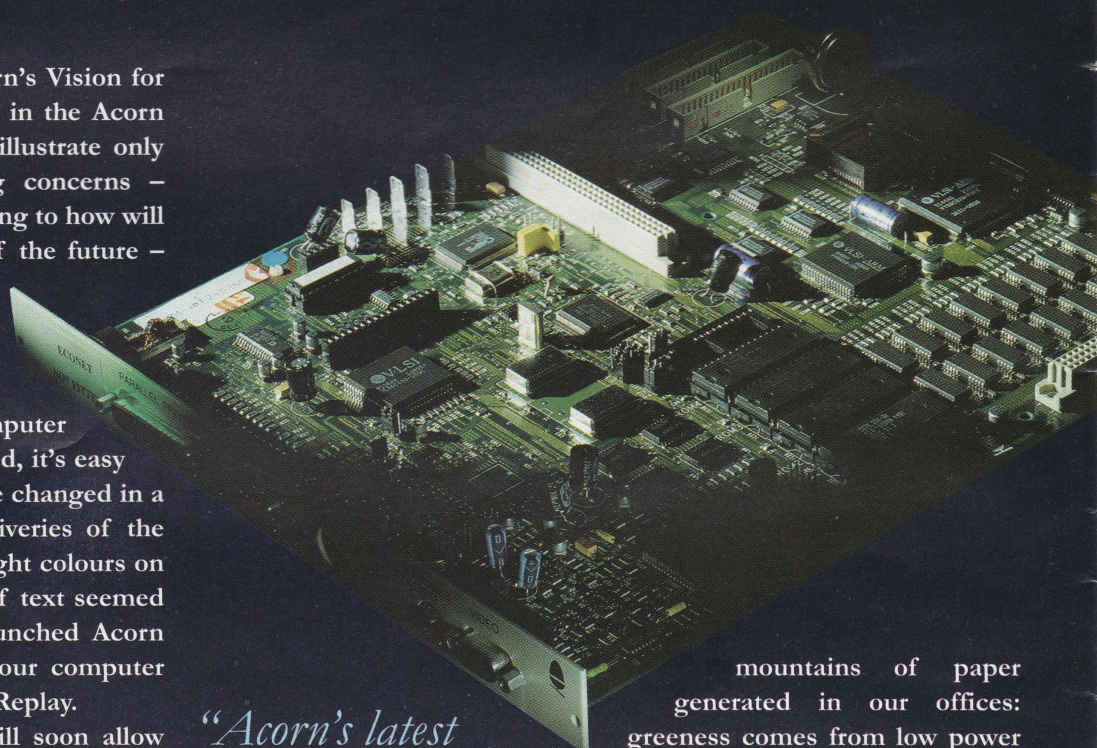
While improvement in computer performance is taken for granted, it's easy to lose sight of how things have changed in a decade. 1981 saw the first deliveries of the BBC Micro and, at the time, eight colours on screen and up to 80 columns of text seemed astounding. In 1992, Acorn launched Acorn Replay – video playback on your computer screen – and now we have DIY Replay.

Acorn's latest technology will soon allow photographic-quality colour images to be displayed on screen from PhotoCD, and you'll be able to make your own professional-quality video with CD-quality digital sound.

And at the same time, computers have grown smaller. That BBC Micro was the size of a briefcase. All you needed was mains power, a monitor and a disc drive in your rucksack. Now Acorn's A4 portable – incomparably more powerful than the BBC Micro – fits comfortably in the briefcase. It has a built-in screen, disc drives and power supply, and weighs around 6lbs. Or you could carry a Pocket Book – a complete computer system the size of a spectacles case.

The green machine

'Greenness' isn't just about using less plastic, or a different washing powder. Computers aren't green just because they reduce the



"Acorn's latest technology will soon allow photographic quality colour images to be displayed on screen, accompanied by CD-quality sound."

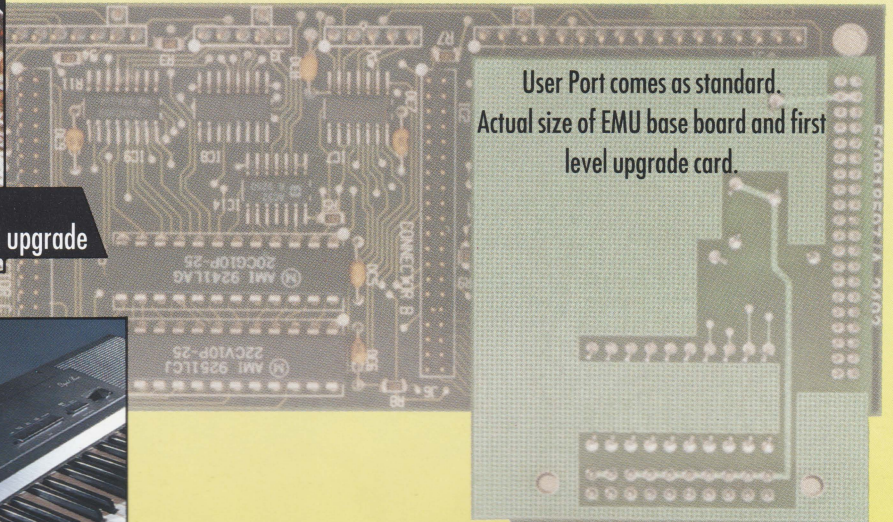
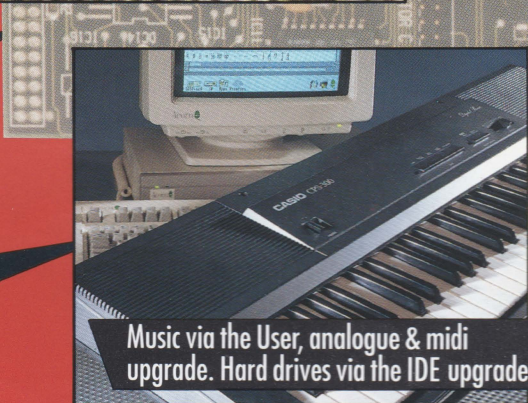
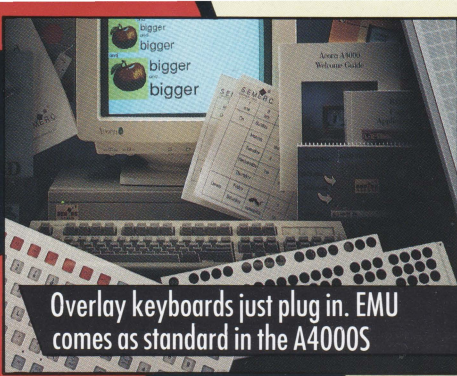
mountains of paper generated in our offices: greenness comes from low power usage, low emissions and even from the methods used to build, package and eventually dispose of the machine.

It's Acorn policy to eliminate chemical washing in the manufacture of its circuit boards by 1995, so fewer toxic chemicals find their way to the sea.

All plastic computer cases are recyclable. And all Acorn packaging is now made of unbleached cardboard, produced from recycled pulp – or new wood pulp from carefully managed forests – rather than the expanded polystyrene used in the past, which gave off toxic fumes when incinerated. Batteries, too, need careful disposal. Acorn has provided for disposal in line with the best European recommendations, and there many other innovations in the pipeline. There's more to being green than having a green logo and Acorn admits it is still working at it!

This is how to EXPAND...

*... your single slot computer
(A3000, A3010, A3020, A4000)*



Just a few of the upgrades possible with EMU (Expandible Multi User Interface). Return the coupon now for full details and pricing PLUS 7 special offers – Yes seven!!

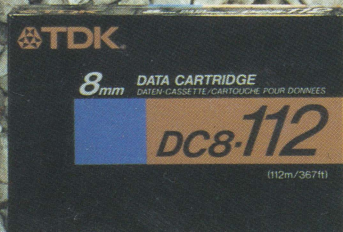
*... Cumana's EMU
(Expandible Multi Use
Interface) is your answer
- there's no comparison!*

NAME _____ JOB TITLE (if applicable) _____
ADDRESS _____
POSTCODE _____ DAYTIME PHONE NO. _____
HOME ☐ EDUCATION ☐ BUSINESS ☐ For official use: Reply No. _____
CUMANA LTD., Pines Trading Estate, Broad Street, Guildford,
Surrey GU3 3BH. Telephone: 0483 503121 Facsimile: 0483 451371

*One
interface
fits all
single slot
computers –
No extra power
supply required*



**Manufacturers of
quality products
since 1979**



DATA STORAGE